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October 7, 2002



Project-based Configuration Management (CM) Reviews Approach

“ECM Team works with CM Leads to build Project CM Capability”

- 9 Key CM Practices were identified (based on the SEI CMM and Incorporated into the SLC)
- Key CM Practices were grouped into 3 cumulative levels of increasing CM Capability
- Identify projects to review – software development projects in Vision or Definition Phase benefit the most
- Goal is to reach Comprehensive CM Capability in 3-4 CM review/ coaching sessions held with Project CM Lead at approximately 1 month intervals.

<u>CM Capability Level</u>	<u>Key CM Practices</u>
Comprehensive CM Capability	9.) Conduct internal CM audits 8.) Maintain a CM Library 7.) Follow documented change management processes & procedures
Progressing CM Capability	6.) Document CCG processes & procedures 5.) Define & communicate version control standards 4.) Create a CM Plan
Basic CM Capability	3.) Designate a Change Control Group (CCG) 2.) Create a Configuration Item Index (CII) 1.) Designate a CM Lead



Increasing CM Capability



Summary of Project-based CM Reviews Results

“As of September 30, ECM is supporting 10 Modernization Development Projects”

Quantitative Results

10	Projects supported
32	Total CM Reviews conducted (two in September)
6	Comprehensive ratings
2	Progressing ratings
2	No rating

Qualitative Results

- FSA CM Process & Training Documentation List developed – see following slides





- Integrated Technical Architecture achieves Comprehensive rating

Project Name	Kick-off Meeting	Initial Review/ Coaching Meeting	Follow-up Review/ Coaching Meetings	Current CM Capability Level
E-Audits	Green – 1/14	Green – 2/15	Green - 3/18	Comprehensive
ECB	Green – 1/22 Comprehensive Capability Verified at Initial Meeting	Green – 1/22	Green – 1/22	Comprehensive
FSA Portals	Green – 1/29	Green 4/25	Green – 5/31, 7/16, 8/28	Comprehensive
FP Data-Mart	Green – 2/6	Yellow – Delayed by CM Lead Transition	TBD	No rating
FMS Phase IV	Green – 2/7	Green – 3/20	Green – 5/29	Comprehensive
ITA Release 3	Green – 2/21	Green – 4/24	Green – 5/23, 6/28, 8/27, 9/27	Comprehensive
CRM4FSA	Green – 3/7	Green – 5/15	Yellow– 6/26 Project on hold	Progressing
EAI – Release 3	Green – 3/14	Green – 5/22	Green – 6/26, 7/31, 8/29, 9/20	Progressing
NSLDS	Green – 4/17	Green – 5/29	Green – 7/24	Comprehensive
Rational Support	Green – 3/13	Yellow – Delayed by Production Activity	TBD	No Rating



CM Reviews

Meeting Agendas and Reports – September 2002

Project Name	Document	Embedded File
Integrated Technical Architecture (ITA)	Agenda – 9/27	 Microsoft Word Document
Integrated Technical Architecture (ITA)	Report – 9/27	 Microsoft Word Document
Enterprise Architecture Integration	Agenda – 9/20	 Microsoft Word Document
Enterprise Architecture Integration	Report – 9/20	 Microsoft Word Document



FSA CM Process & Training Documentation List

In September, the ECM Team created a list of the FSA-Specific CM documentation to make available Process guides, training briefings, and job aids for use by CM Resources on Modernization Projects for a wide variety of aspect in planning and performing CM activities.

FSA CM Process & Training Documentation List (embedded file)



Microsoft
PowerPoint Presentation